

**Amendments in the claims:**

1. (currently amended) A polymer electrolyte membrane comprising a first polymer comprising acidic subunits and a second polymer comprising basic subunits, wherein the polymer electrolyte membrane further comprises an elastomeric polymer comprising elastomeric subunits, ~~and wherein said basic subunits comprise vinylimidazole, and wherein said second polymer comprises polyvinylimidazole and wherein said acidic subunits comprise 2-acrylonamide-2-methyl-1 propane sulfonic acid and said elastomeric subunits comprise acrylonitrile.~~

2-5. (canceled)

6. (previously presented) The polymer electrolyte membrane of claim 1 wherein said elastomeric polymer comprises a semi-interpenetrating network in said membrane.

7-10. (canceled)

11. (currently amended) A The polymer electrolyte membrane of claim 1 ~~comprising a first polymer comprising acidic subunits and a second polymer comprising basic subunits, wherein the polymer electrolyte membrane further comprises an elastomeric polymer comprising elastomeric subunits,~~ wherein said membrane has an electrical conductivity greater than about 0.005 S/cm.

12. (previously presented) The polymer electrolyte membrane of claim 1 wherein said membrane is substantially impermeable to methanol.

13-35. (canceled)